

## C L A I M S

1. Tray for the transportation of products, formed by a sheet equipped with a series of folding lines 5 that define:

- a bottom of the tray;
- a couple of headers;
- a couple of sides;
- a polygonal column on each of its corners; and 10
- two top flaps, each of which extends horizontally from one of the headers to the inner area of the tray;

the tray also comprises inclined folding lines that allow the folding of the headers and the sides on the 15 bottom of the tray;

characterised in that said inclined folding lines are located on the headers and on said top flaps.

2. Tray according to claim 1, characterised in that each header and top flap comprises two inclined 20 folding lines, that extend from the lower corners of the header substantially towards the centre of the top part of the same.

3. Tray according to claims 1, characterised in that each top flap comprises a couple of side flaps that 25 are fixed to the outer part of the sides.

4. Tray according to claim 1, characterised in that each top flap comprises a couple of additional folding lines, that extend from the corners in contact with the headers to the inner area of the tray, in the 30 assembly position.

5. Tray according to claim 1, characterised in that each column has an associated orifice on the top flaps for the insertion of an reinforcement element in said columns.

35 6. Tray according to claim 5, characterised in

that each orifice comprises an articulated tongue, that is accommodated inside the column when inserting said reinforcement element.

7. Tray according to claim 5, characterised in  
5 that reinforcement element is a plaque.

8. Tray according to claim 1, characterised in  
that said columns are triangular, the side that is defined  
by the hypotenuse of said triangle comprises a vertical  
folding line.

10 9. Tray according to claims 5 and 8,  
characterised in that said reinforcement element is a  
triangular prism formed by a laminar element.

10. Tray according to claim 1, characterised in  
that said sides have a double thickness.